

Abstract of the Disclosure

5 An apparatus and system for providing wireless
access to packet data networks and value-added services
is disclosed. The wireless access integrated node (WAIN)
offers a simplified internal architecture which
eliminates unnecessary intermediate protocols contained
in a multi-node hierarchical network architecture while
still supporting the main functions of standard mobile
10 networks and preserving standard external interfaces.
The WAIN is essentially an integrated network element
that provides local radio coverage and complements the
capability of the public wireless network. The WAIN can
automatically configure itself to minimize interference
15 and achieve optimal performance.

2025 RELEASE UNDER E.O. 14176